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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

KOHL et al.

Atty. Ref.: 117-560

Serial No. 10/547,847

TC/A.U.: unknown

Filed: October 18, 2005

Examiner: unknown

For: ANALYSIS OF PRE-CORDIAL THUMPS FOR TREATMENT OF A  
CARDIAC DYSRHYTHMIA

\* \* \* \* \*

November 10, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

As suggested by 37 C.F.R. 1.97, applicants bring to the attention of the Patent and Trademark Office the documents listed on the attached form PTO/SB/08a. Copies of the non-US patent documents are attached.

The filing of this IDS does not constitute (1) an admission that a citation is available as prior art, (2) an admission a citation is relevant or (3) an admission that a citation has not been already notified.

The Examiner is requested to initial the attached form PTO/SB/08a and to return a copy of the initialed document to the undersigned as an indication that the listed documents have been considered and made of record.

You are hereby authorized to charge our deposit account No. 14-1140 for any fees required in connection with the filing of this paper.

• KOHL et al.  
Serial No. 10/547,847

Respectfully submitted,

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Sheet 1 of 1

INFORMATION DISCLOSURE  
CITATION

ATTY. DOCKET NO.

SERIAL NO.

117-560

10/547,847

APPLICANT

Kohl et al.

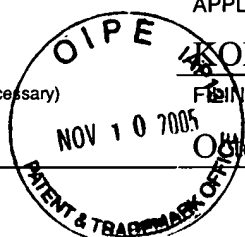
FILING DATE

October 18, 2005

TC/A.U.

unknown

(Use several sheets if necessary)



## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE    | NAME           | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----------------|---------|----------------|-------|----------|-------------------------------|
|                      | 4,828,501       | 5/1989  | Ingenito et al |       |          |                               |
|                      | 4,932,879       | 6/1990  | Ingenito et al |       |          |                               |
|                      | 4,883,271       | 11/1989 | French         |       |          |                               |
|                      | 4,797,104       | 1/1989  | Laerdal et al  |       |          |                               |
|                      | 4,265,228       | 5/1981  | Zoll           |       |          |                               |
|                      |                 |         |                |       |          |                               |
|                      |                 |         |                |       |          |                               |
|                      |                 |         |                |       |          |                               |
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|                      |                 |         |                |       |          |                               |

## FOREIGN PATENT DOCUMENTS

| DOCUMENT          | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES NO |
|-------------------|---------|---------|-------|----------|-----------------------|
| 1 136 970 A1      | 9/2001  | EP      |       |          | ABSTRACT              |
| 1 057 451 A2      | 12/2000 | EP      |       |          |                       |
| 2 339 323 A       | 1/2000  | GB      |       |          |                       |
| 2 193 029 A       | 1/1988  | GB      |       |          | ABSTRACT              |
| 2 223 845 A       | 4/1990  | GB      |       |          |                       |
| 2 361 764 A       | 10/2001 | GB      |       |          |                       |
| DE 196 48 403 C1  | 4/1998  | Germany |       |          | ABSTRACT              |
| 5-10729           | 1/1993  | JP      |       |          | ABSTRACT              |
| 1 463 870         | 2/1977  | GB      |       |          |                       |
| 1 012 283         | 12/1965 | GB      |       |          |                       |
| WO 02/03905 A2    | 1/2002  | PCT     |       |          |                       |
| WO 02/093272 A1   | 11/2002 | PCT     |       |          |                       |
| WO 2004/066901 A1 | 8/2004  | PCT     |       |          |                       |

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

|  |  |
|--|--|
|  | Kohl et al, "Sudden Cardiac Death by <i>Commotio cordis</i> : ...", Elsevier Science B.V. Cardiovascular Research 50 (2001) 280-289. |
|  | Kohl et al, "Computational modeling of biological ...", Phil. Trans. Royal Society, London A (2000) 358, 579-610.                    |
|  | Kohl et al, "Stretch-induced changes in heart rate ...", Progress in Biophysics & Molecular Biology 71 (1999) 91-138.                |
|  | Sakmann et al, "Mechanical Modulation of Heart Rhythm", 1999 The Medicine Publishing Company Ltd, pages iii-vii.                     |
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\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.